

2007 BPA Facts

Unless otherwise noted, information is for fiscal year 2007.

Profile

The Bonneville Power Administration is a federal agency based in the Pacific Northwest. Although BPA is under the U.S. Department of Energy, it is self-funding and covers its costs by selling its products and services at cost. BPA markets wholesale electrical power from 31 federal hydro projects in the Columbia River Basin, one nonfederal nuclear plant and several other small nonfederal power plants. About one-third of the electric power used in the Northwest comes from BPA.

BPA also operates and maintains about three-fourths of the high-voltage transmission in its service territory. BPA's service territory includes Idaho, Oregon, Washington, western Montana and small parts of eastern Montana, California, Nevada, Utah and Wyoming.

As part of its responsibilities, BPA promotes energy efficiency, renewable resources and new technologies. The agency also funds regional efforts to protect and rebuild fish and wildlife populations affected by hydropower development in the Columbia River Basin.

BPA is committed to providing public service and seeks to make its decisions in a manner that provides opportunities for input from all stakeholders. In its vision statement, BPA dedicates itself to providing high system reliability, low rates consistent with sound business principles, environmental stewardship and accountability.

General Information

BPA established	1937
Service area size (square miles)	300,000
Pacific Northwest population	12,100,101
Transmission line (circuit miles)	15,190
BPA substations	259 ^{1/}
Employees (FTE)	2,896

^{1/} This number now includes shared substations in which BPA owns a major portion of the equipment and land.

BPA customers

Cooperatives	57
Municipalities	42
Public utility districts	29
Federal agencies	7
Investor-owned utilities	6
Direct-service industries	4
Port districts	1
Tribal	2
Total	148
Power marketers	87
Transmission customers	339

BPA Mission

The Bonneville Power Administration's mission as a public service organization is to create and deliver the best value for our customers and constituents as we act in concert with others to assure the Pacific Northwest:

- an adequate, efficient, economical and reliable power supply;
- a transmission system that is adequate to the task of integrating and transmitting power from federal and nonfederal generating units, providing service to BPA's customers, providing interregional interconnections, and maintaining electrical reliability and stability; and
- mitigation of the Federal Columbia River Power System's impacts on fish and wildlife.

BPA is committed to cost-based rates and public and regional preference in its marketing of power. BPA will set its rates as low as possible consistent with sound business principles and the full recovery of all of its costs, including timely repayment of the federal investment in the system.

BPA Vision

BPA will be an engine of the Northwest's economic prosperity and environmental sustainability. BPA's actions advance a Northwest power system that is a national leader in providing:

- high reliability;
- low rates consistent with sound business principles;
- responsible environmental stewardship; and
- accountability to the region.

We deliver on these public responsibilities^{2/} through a commercially successful business.

^{2/} Our public responsibilities are defined by the four characteristics listed above.

BPA Rates

Wholesale power rates^{3/} (10/1/07-9/30/08)

Non-Slice Priority Firm (average, ^{4/} undelivered)	2.73 cents/kWh
Priority Firm Exchange (average, undelivered)	5.12 cents/kWh
New Resources (flat, undelivered)	7.70 cents/kWh

^{3/} The rates shown do not include the cost of transmission. They also do not include the application of the Conservation Rate Credit.

^{4/} The actual rate paid by an individual customer will vary according to the shape of the load and the products and services purchased.

Transmission rates^{5/} (FYs 2008-2009)

Network rates:

Firm	\$15.576/kW/yr
Nonfirm	.374 cents/kWh

Southern intertie rates:

Firm	\$15.516/kW/yr
Nonfirm	.372 cents/kWh

^{5/} Reflects the rates for point-to-point transmission service. All short-term firm and nonfirm rates are downwardly flexible.

2007 Financial Highlights

For the Federal Columbia River Power System

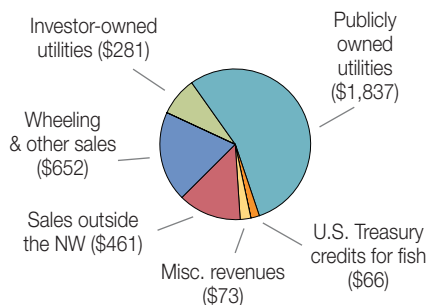
(\$ in thousands)

Total operating revenues	\$3,268,640
Total operating expenses	2,574,685
Net operating revenues	693,955
Net interest expense	236,747
Net revenues	\$457,208
SFAS 133 derivative mark-to-market	\$ 6,519
Nonfederal debt management actions	(246,421)
Modified net revenues	\$ 217,306 ^{6/}

^{6/} Management has determined that modified net revenues are a better representation of the outcomes of normal operations during periods of debt management actions and fluctuations in derivative market prices. See BPA's 2007 Annual Report for more information.

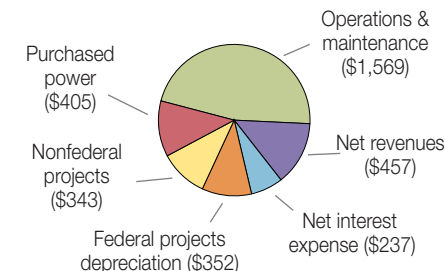
Sources of revenue^{7/}

(\$ in millions)



Disposition of revenue^{7/}

(\$ in millions)



^{7/} These revenues do not reflect bookouts of (\$95) million. In addition, the sources of revenues do not reflect SFAS 133 derivative mark-to-market of (\$7) million.

Transmission System

Operating voltage

Circuit miles

1,000 kV	264 ^{8/}
500 kV	4,734
345 kV	570
287 kV	227
230 kV	5,300
161 kV	119
138 kV	50
115 kV	3,557
below 115 kV	367
Total	15,190 ^{9/}

^{8/} BPA's portion of the PNW/PSW direct-current intertie. The total length of this line from The Dalles, Ore., to Los Angeles is 846 miles.

^{9/} Line miles vary slightly from last year due to better data. In addition, several lines were sold during the year.



Federal Hydro Projects

Name	River, state	In service	Nameplate rating
Albeni Falls	Pend Oreille, ID	1955	43 MW
<i>Anderson Ranch</i>	<i>Boise, ID</i>	<i>1950</i>	<i>40 MW</i>
Big Cliff	Santiam, OR	1953	18 MW
<i>Black Canyon</i>	<i>Payette, ID</i>	<i>1925</i>	<i>10 MW</i>
<i>Boise River Diversion</i>	<i>Boise, ID</i>	<i>1912</i>	<i>3 MW</i>
Bonneville	Columbia, OR/WA	1938	1,077 MW
<i>Chandler</i>	<i>Yakima, WA</i>	<i>1956</i>	<i>12 MW</i>
Chief Joseph	Columbia, WA	1958	2,458 MW
Cougar	McKenzie, OR	1963	25 MW
Detroit	Santiam, OR	1953	100 MW
Dexter	Willamette, OR	1954	15 MW
Dworshak	Clearwater, ID	1973	400 MW
Foster	Santiam, OR	1967	20 MW
<i>Grand Coulee^{10/}</i>	<i>Columbia, WA</i>	<i>1942</i>	<i>6,795 MW</i>
Green Peter	Santiam, OR	1967	80 MW
<i>Green Springs</i>	<i>Emigrant Crk, OR</i>	<i>1960</i>	<i>16 MW</i>
Hills Creek	Willamette, OR	1962	30 MW
<i>Hungry Horse</i>	<i>Flathead, MT</i>	<i>1953</i>	<i>428 MW</i>
Ice Harbor	Snake, WA	1962	603 MW
John Day	Columbia, OR/WA	1971	2,160 MW
Libby	Kootenai, MT	1975	525 MW
Little Goose	Snake, WA	1970	810 MW
Lookout Point	Willamette, OR	1953	120 MW
Lost Creek	Rogue, OR	1977	49 MW
Lower Granite	Snake, WA	1975	810 MW
Lower Monumental	Snake, WA	1969	810 MW
McNary	Columbia, OR/WA	1952	980 MW
<i>Minidoka</i>	<i>Snake, ID</i>	<i>1909</i>	<i>28 MW</i>
<i>Palisades</i>	<i>Snake, ID</i>	<i>1958</i>	<i>176 MW</i>
<i>Roza</i>	<i>Yakima, WA</i>	<i>1958</i>	<i>11 MW</i>
The Dalles	Columbia, OR/WA	1957	<u>1,808 MW</u>
Total (31 dams)			20,460 MW

Owned and operated by the U.S. Army Corps of Engineers (21 dams)
Owned and operated by the Bureau of Reclamation (10 dams).

10/ Includes pump generation.

BPA Resources^{11/}

(for OY 2008 under 1937 water conditions)

Sustained 1-hour peak capacity (January) 13,934 MW

Hydro: 12,475 MW (89.5%)

Nuclear: 1,150 MW (8.3%)

Firm contracts & other resources: 309 MW (2.2%)

Firm energy (12-month annual avg.) 8,607 aMW

Hydro: 6,949 aMW (80.7%)

Nuclear: 1,030 aMW (12.0%)

Firm contracts & other resources: 628 aMW (7.3%)

Regional Resources^{11/}

(for OY 2008 under 1937 water conditions)

Sustained peak capacity (January) 41,528 MW

Hydro: 23,790 MW (57.3%)

Coal: 5,871 MW (14.1%)

Combustion turbines: 5,154 MW (12.4%)

Cogeneration: 2,481 MW (6.0%)

Imports: 1,777 MW (4.3%)

Nuclear: 1,150 MW (2.8%)

Non-utility generation: 1,171 MW (2.8%)

Other miscellaneous resources: 134 MW (0.3%)

Firm energy (12-month annual avg.) 26,254 aMW

Hydro: 11,797 aMW (45.0%)

Coal: 5,178 aMW (19.7%)

Combustion turbines: 3,227 aMW (12.3%)

Cogeneration: 2,191 aMW (8.3%)

Imports: 1,201 aMW (4.6%)

Nuclear: 1,030 aMW (3.9%)

Non-utility generation: 1,309 aMW (5.0%)

Other miscellaneous resources: 321 aMW (1.2%)

11/ Forecast figures from BPA's "2007 Pacific Northwest Loads & Resources Study." Firm resource projections before adjustment for reserves, maintenance and transmission losses. The hydro capacity is reduced by an operational peaking adjustment to estimate the monthly maximum operational capability that is available to meet the 1-hour peak load for 1937 critical-water conditions. For January 2008, the reduction is -8,659 peak MW.

Federal Generation ^(FY 2007)

Hydro generation8,132 aMW
Total generation9,130 aMW
60-min. hydro peak generation15,821 MW
60-min. total peak generation16,964 MW
All-time 60-min. total peak
generation record (June 2002)18,139 MW

Fish & Wildlife Investments

(\$ in millions)

FY 2007

BPA F&W program expense^{12/}
(does not include \$36 million capital)\$140
Direct Funded/Reimbursable60
Capital investment/Fixed Expense113
Direct costs\$313
Operational impacts:
Replacement power purchases\$121
Estimated foregone power revenues282
Total F&W Investments for FY 2007\$716

BPA has spent more than \$9.4 billion since 1978 to support Northwest fish and wildlife recovery.

12/ Integrated program and action plan/high priority.

Conservation

(\$ in millions)

FY 2007

Total^{13/}

Total BPA expenses \$50 \$2,284

Megawatts saved

Residential programs	13.4 aMW	262.2 aMW
Commercial programs	9.4 aMW	188.1 aMW
Industrial programs	6.2 aMW	117.7 aMW
Agricultural programs	4.2 aMW	20.8 aMW
Multi-sector programs	<u>0.1 aMW</u>	<u>107.5 aMW</u>
Programs subtotal	33.3 aMW	696.3 aMW
Improved building codes	0 aMW	188.5 aMW
Market transformation	<u>24.9 aMW</u>	<u>109.8 aMW</u>
Total aMW saved	58.1 aMW	994.6 aMW

13/ Cumulative total since 1981. Adjustments to savings and dollars have been applied.

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Points of Contact

General BPA offices & Web sites

BPA Headquarters — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-3000 • Web site www.bpa.gov

Public Information Center — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-7334 • (800) 622-4520

Public Involvement — P.O. Box 14428, Portland, OR 97293-4428 • (503) 230-3478 • (800) 622-4519

Washington, D.C. Office — Forrester Bldg., Room 8G-061, 1000 Independence Ave., S.W., Washington, DC 20585 • (202) 586-5640

Crime Witness Program — To report crimes to BPA property or personnel • (800) 437-2744

Transmission Services

Transmission Services Headquarters — P.O. Box 491, Vancouver, WA 98666-0491 • (360) 418-2000

Eugene Regional Office — 86000 Hwy. 99 S., Eugene, OR 97405 • (541) 988-7403

Idaho Falls Regional Office — 1350 Lindsay Blvd., Idaho Falls, ID 83402 • (208) 612-3100

Olympia Regional Office — 5240 Trosper Rd. S.W., Olympia, WA 98512-5623 • (360) 570-4305

Redmond Regional Office — 3655 S.W. Highland Ave., Redmond, OR 97756 • (541) 548-4015, ext. 3225

Snohomish Regional Office — 914 Ave. D, Snohomish, WA 98290 • (360) 563-3600

Spokane Regional Office — 2410 E. Hawthorne Rd., Mead, WA 99021 • (509) 358-7376

Walla Walla Regional Office — 3404 Swallow Ave., Pasco, WA 99301 • (509) 542-5430

Power Services

Bend Customer Service Center — 1011 S.W. Emkay Dr., Suite 211, Bend, OR 97702 • (541) 318-1680

Burley Customer Service Center — 2700 Overland, Burley, ID 83318 • (208) 678-9481

Eastern Area Customer Service Center — 707 W. Main Ave., Suite 500, Spokane, WA 99201 • (509) 625-1305

Montana Customer Service Center — P.O. Box 140, Dayton, MT 59914 • (406) 849-5034

Richland Customer Service Center — Kootenai Bldg., Room 215, North Power Plant Loop, P.O. Box 968, Richland, WA 99352 • (509) 372-5088

Seattle Customer Service Center — 909 First Ave., Suite 380, Seattle, WA 98104-3636 • (206) 220-6759

Western Area CSC — 905 N.E. 11th Ave., P.O. Box 3621, Portland, OR 97208 • (503) 230-3584

Transmission System and Federal Dams

